#### What is claimed is:

1. A multi-valve damper for an airflow duct, comprising:

a plug body having a proximal end and a distal end and adapted to separate a section of an airflow duct into at least two airflow sections;

at least two damper blades mounted on said distal end of said plug body, each of said damper blades controlling airflow in a respective airflow section.

2. A damper in accordance with claim 1, wherein:

said plug body bifurcates said duct section into two airflow sections.

3. A damper in accordance with claim 1, wherein:

said at least two airflow sections comprise equal sections.

4. A damper in accordance with claim 1, further comprising:

at least one airflow sensor in each of said airflow sections for controlling said damper blade in said respective airflow section.

5. A damper in accordance with claim 4, wherein:

said at least one sensor comprises at least one of a vortex type sensor, a pitot type sensor, or a thermal type sensor.

6. A damper in accordance with claim 4, further comprising:

an actuator mechanism responsive to said sensors for opening and closing said at least two damper blades simultaneously.

7. A damper in accordance with claim 4, further comprising:

an actuator mechanism associated with each damper blade, each of said actuator mechanisms being responsive to said at least one airflow sensor in a respective airflow section for opening and closing a respective damper blade independently of other damper blades.

8. A damper in accordance with claim 1, wherein:

said proximal end of said plug body has an aerodynamic shape which minimizes the disruption of airflow into said airflow sections.

9. A damper in accordance with claim 1, wherein:

said distal end of said plug body has a substantially flat shape.

10. A damper in accordance with claim 1, wherein:

said duct section is one of round, rectangular, or oval.

11. A damper in accordance with claim 1, wherein:

said damper blades are mounted such that each damper blade closes its respective airflow section when said damper blade is at an angle of approximately 45 degrees with respect to a longitudinal axis of said plug body.

12. A damper in accordance with claim 1, wherein:

said damper blades are mounted such that each damper blade rotates through an angle of approximately 45 degrees from fully closed to fully opened.

13. A damper in accordance with claim 1, wherein:

said damper blades are mounted such that each damper blade rotates through an angle of approximately 90 degrees from fully closed to fully opened.

14. A damper in accordance with claim 1, further comprising:

at least one electrically controlled actuator for opening and closing said damper blades.

15. A damper in accordance with claim 1, further comprising:

at least one pneumatically controlled actuator for opening and closing said damper blades.

16. A damper in accordance with claim 1, wherein:

said airflow duct is constructed of one of aluminum, galvanized steel, stainless steel, fiberglass, or plastic.

17. A damper in accordance with claim 1, wherein:

inner walls of the duct section are perforated.

18. A damper in accordance with claim 1, wherein:

inner walls of the duct section are lined with perforated sheet metal.

19. A damper in accordance with claim 18, wherein:

a fiberglass material is packed between the perforated sheet metal and the inner walls.

20. A damper in accordance with claim 1, wherein:

at least the proximal end of the plug body is perforated.

21. A damper in accordance with claim 1, wherein:

at least the proximal end of the plug body is constructed of perforated sheet metal; and at least a perforated portion of the plug body is packed with a fiberglass material.

22. A method for controlling airflow in an airflow duct, comprising:

separating a section of an airflow duct into at least two airflow sections;

providing a damper blade at the end of each of said airflow sections for controlling airflow in each airflow section.

23. A method in accordance with claim 22, wherein:

said duct section is bifurcated into two airflow sections.

# 24. A method in accordance with claim 22, wherein: said at least two airflow sections comprise equal sections.

25. A method in accordance with claim 22, further comprising:

providing at least one airflow sensor in each of said airflow sections for controlling said damper blade in said respective airflow section.

26. A method in accordance with claim 25, wherein:

said at least one sensor comprises at least one of a vortex type sensor, a pitot type sensor, or a thermal type sensor.

27. A method in accordance with claim 25, further comprising:

providing an actuator mechanism responsive to said sensors for opening and closing said damper blades simultaneously.

28. A method in accordance with claim 25, further comprising:

providing an actuator mechanism associated with each damper blade, each of said actuator mechanisms being responsive to said at least one airflow sensor in a respective airflow section for opening and closing a respective damper blade independently of other damper blades.

29. A method in accordance with claim 22, wherein:

said duct section is separated by a plug body having an aerodynamically shaped proximal end which minimizes the disruption of airflow into said airflow sections.

30. A method in accordance with claim 22, wherein:

said duct section is separated by a plug body having a substantially flat shaped distal end.

31. A method in accordance with claim 22, wherein: said duct section is one of round, rectangular, or oval.

#### 32. A method in accordance with claim 22, wherein:

said damper blades are mounted such that each damper blade closes its respective airflow section when said damper blade is at an angle of approximately 45 degrees with respect to a longitudinal axis of said plug body.

#### 33. A method in accordance with claim 22, wherein:

said damper blades are mounted such that each damper blade rotates through an angle of approximately 45 degrees from fully closed to fully opened.

#### 34. A method in accordance with claim 22, wherein:

said damper blades are mounted such that each damper blade rotates through an angle of approximately 90 degrees from fully closed to fully opened.

### 35. A method in accordance with claim 22, further comprising:

providing at least one electrically controlled actuator for opening and closing said damper blades.

## 36. A method in accordance with claim 22, further comprising:

providing at least one pneumatically controlled actuator for opening and closing said damper blades.

#### 37. A method in accordance with claim 22, wherein:

said airflow duct is constructed of one of aluminum, galvanized steel, stainless steel, fiberglass, or plastic.

#### 38. A method in accordance with claim 22, wherein:

inner walls of the duct section are perforated.

- 39. A method in accordance with claim 22, wherein: inner walls of the duct section are lined with perforated sheet metal.
- 40. A method in accordance with claim 39, further comprising:

  packing a fiberglass material between the perforated sheet metal and the inner walls.
- 41. A method in accordance with claim 22, wherein: at least the proximal end of the plug body is perforated.
- 42. A method in accordance with claim 22, wherein:

  at least the proximal end of the plug body is constructed of perforated sheet metal; and
  at least a perforated portion of the plug body is packed with a fiberglass material.